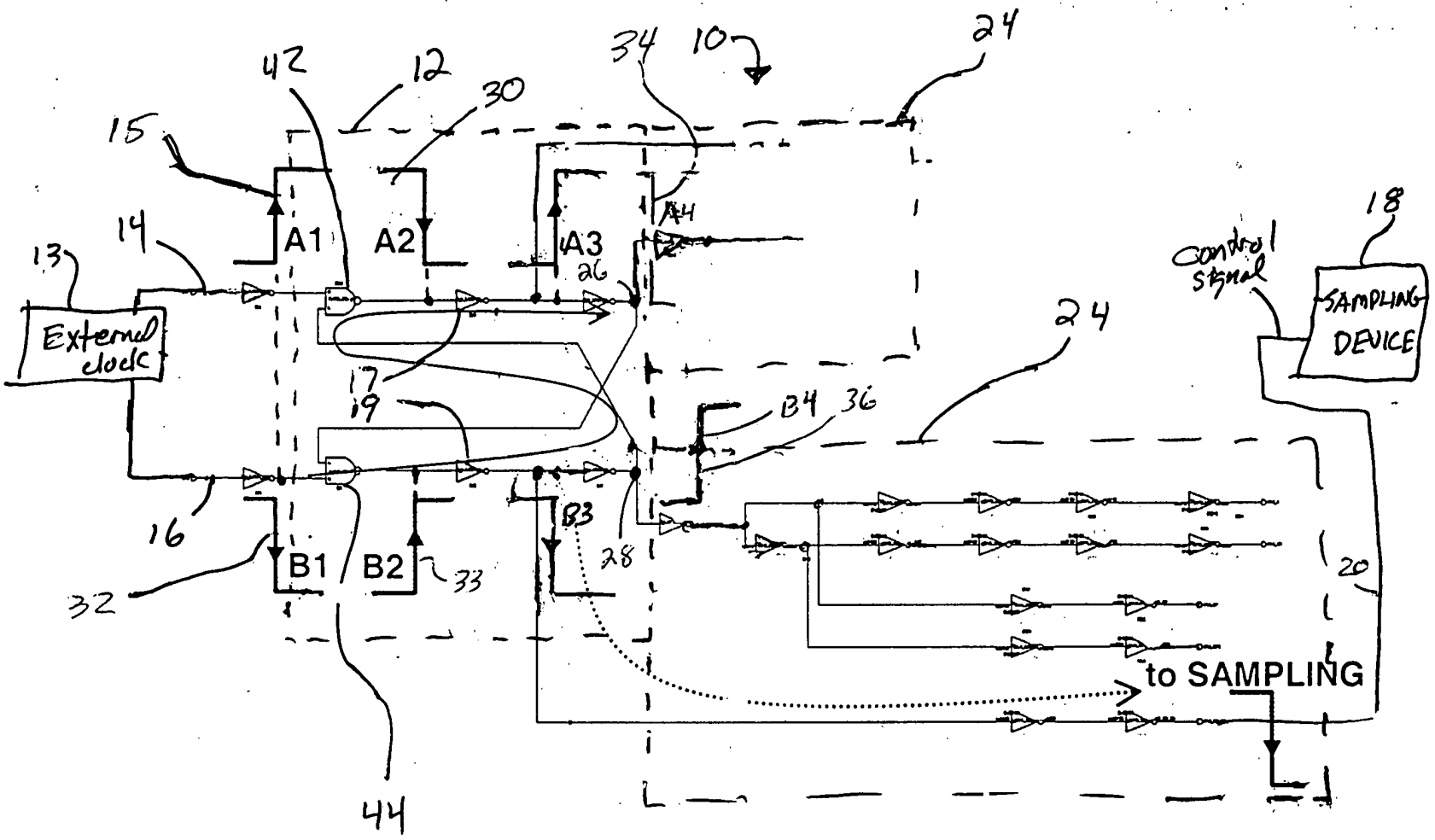

B4

FIGURE 1

(PRIOR ART)

40

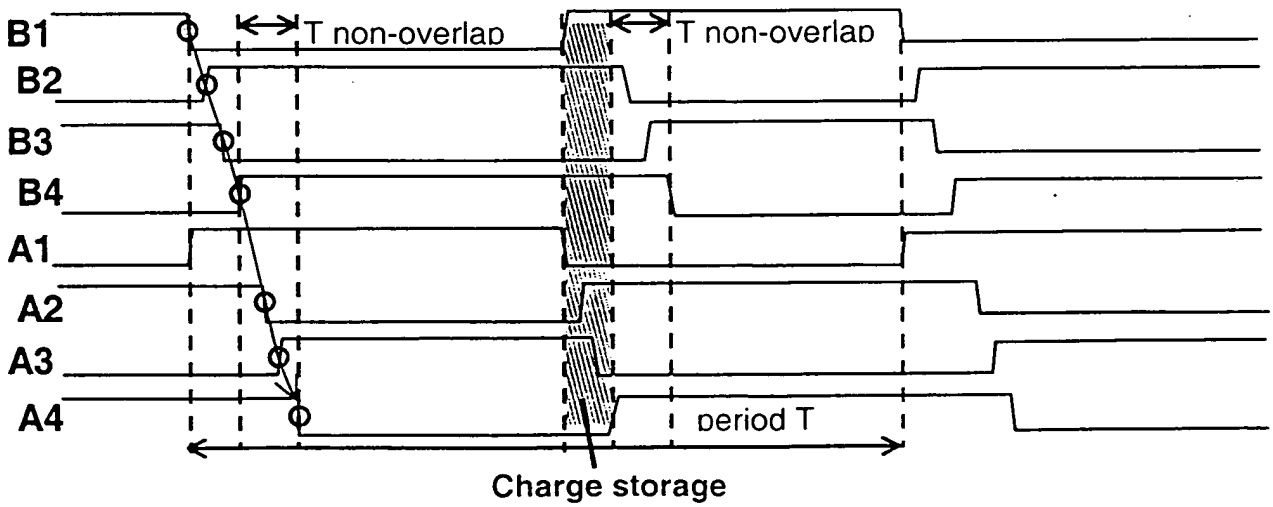

FIGURE 2
(PRIOR ART)

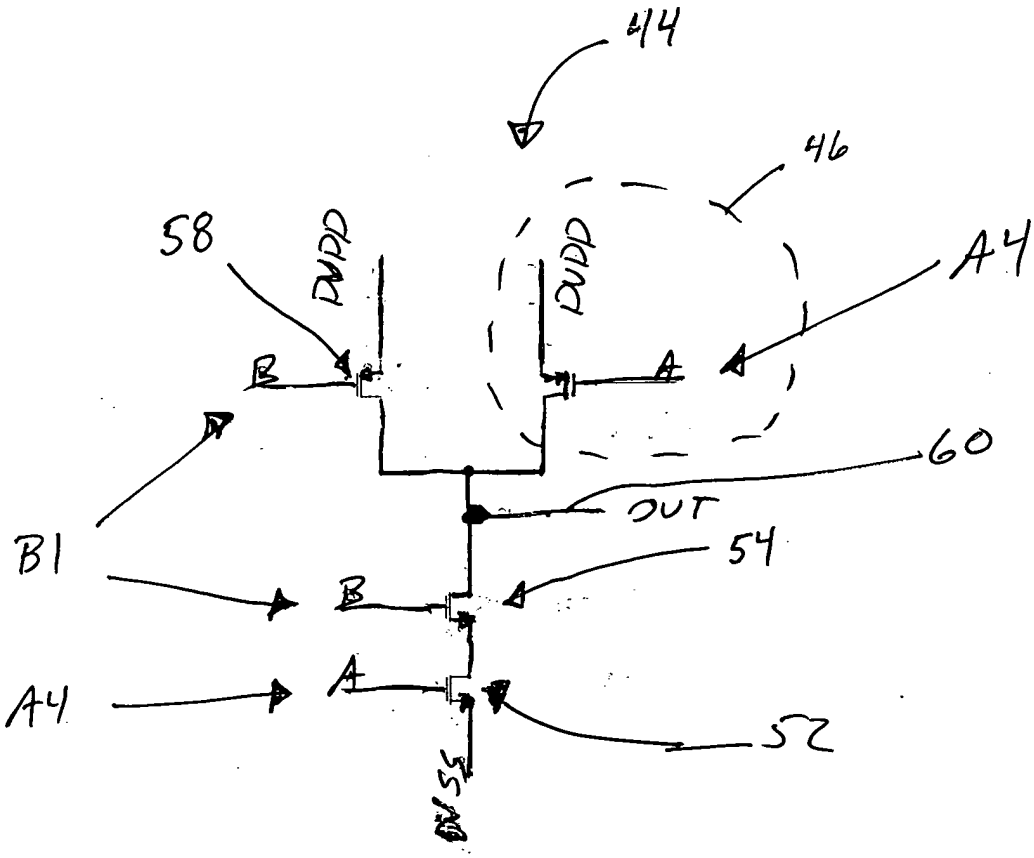

FIGURE 3

(PRIOR ART)

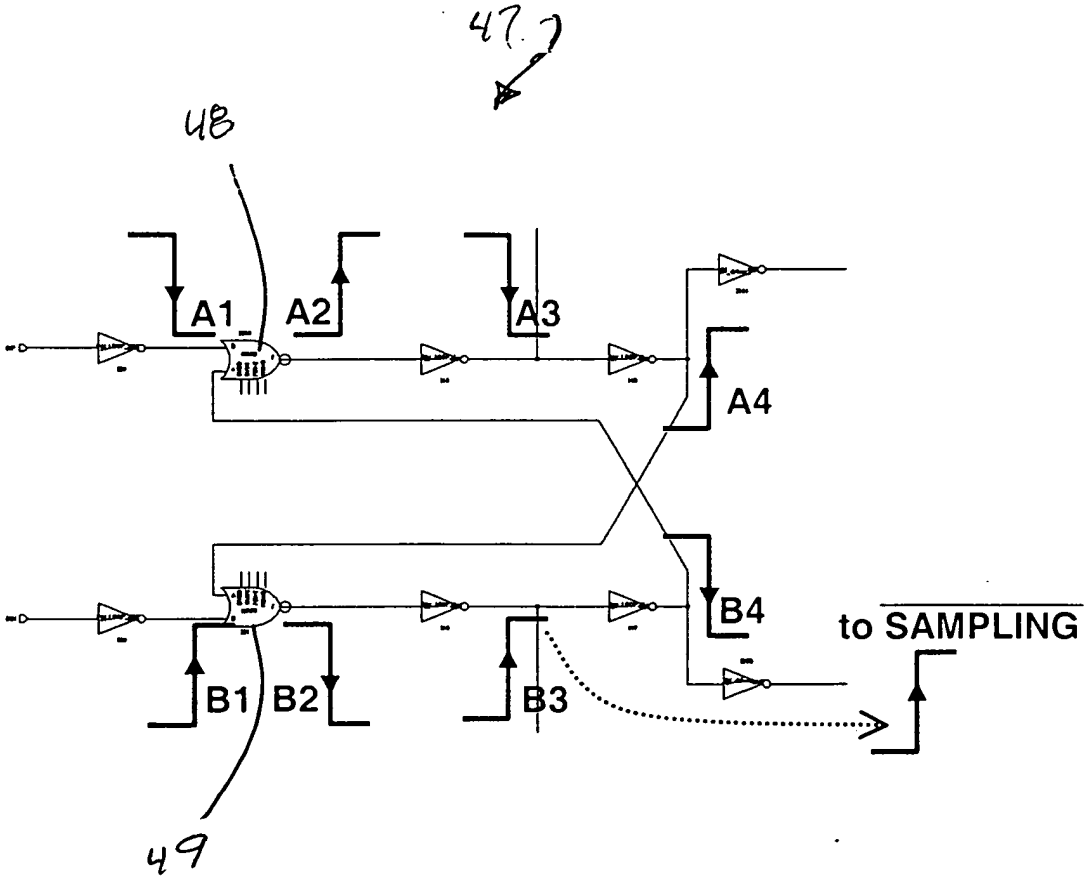

FIGURE 4
(PRIOR ART)

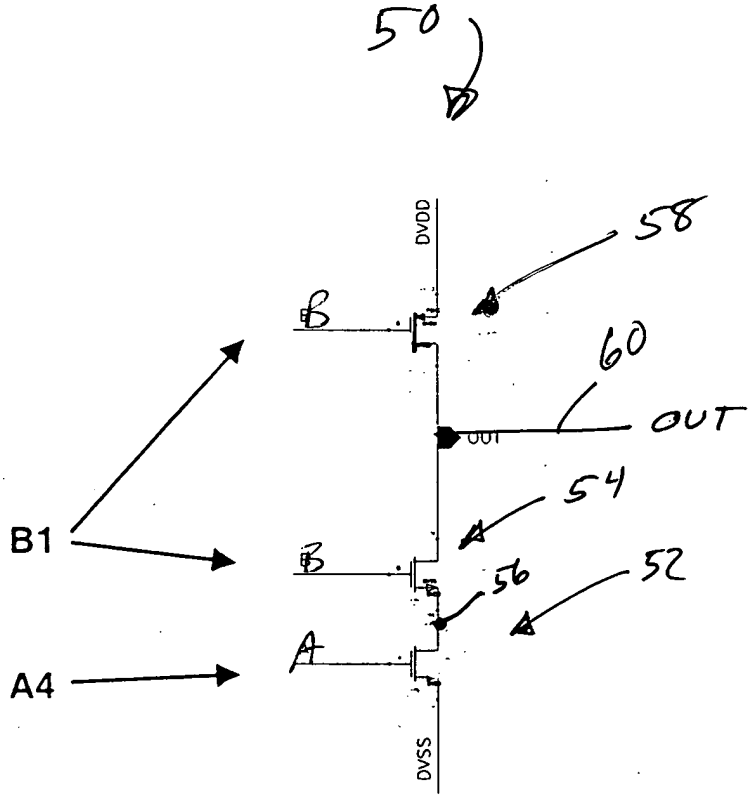

Figure 5

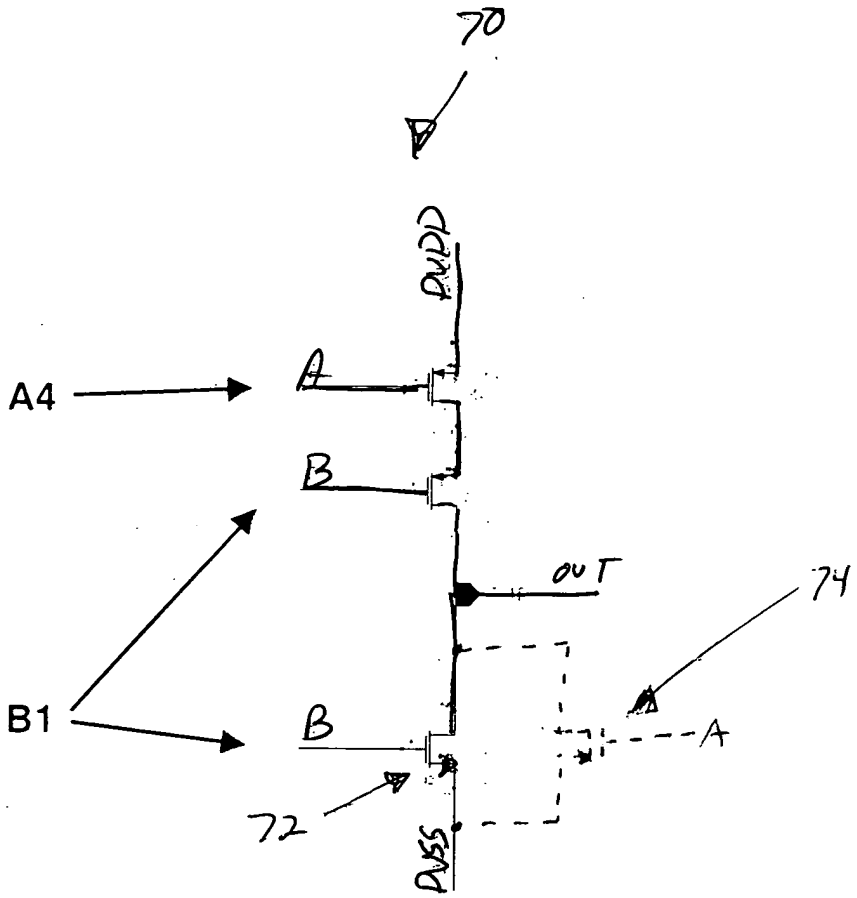

FIGURE 6

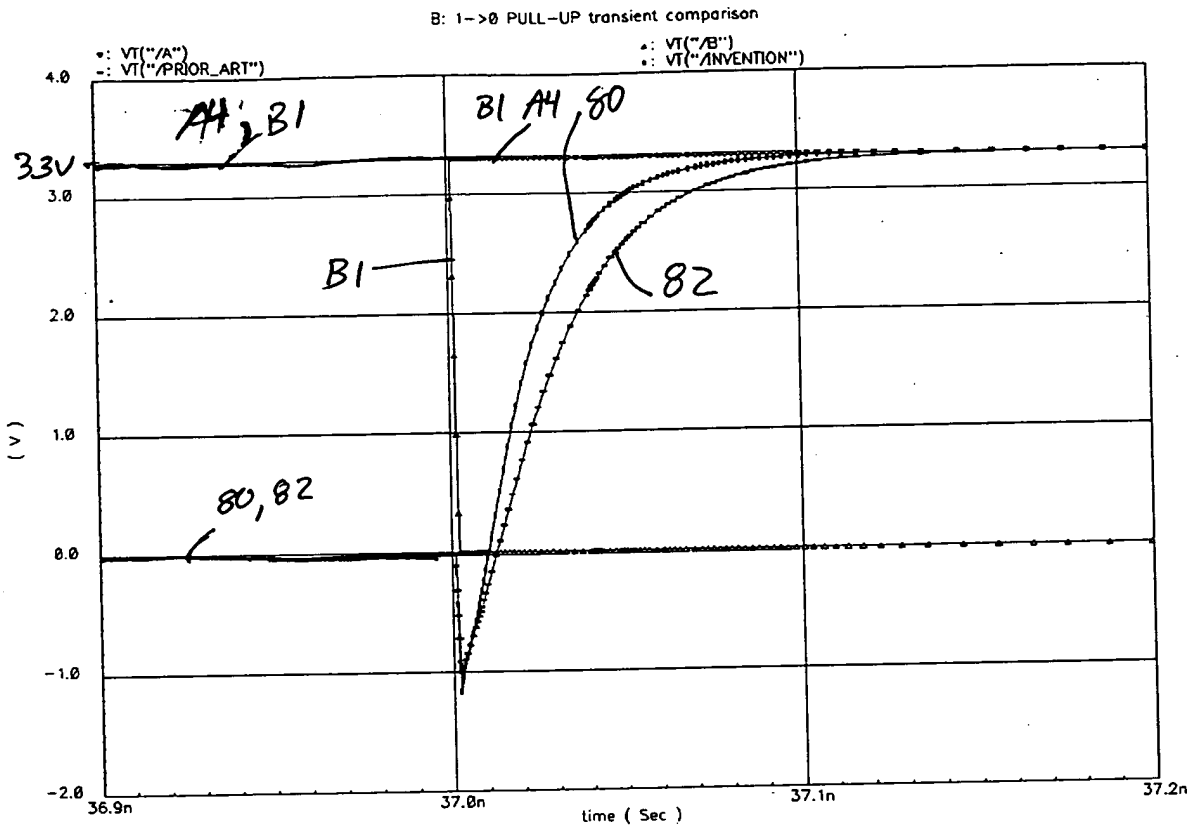
B: 1->0 PULL-UP transient comparison
*: VT("/A")
-: VT("/PRIOR_ART")
▲: VT("/B")
•: VT("/INVENTION")
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
(V)
33V
A1, B1
B1 A1, 80
B1
82
80, 82
36.9n
37.0n
37.1n
37.2n
time (Sec)

FIGURE 7

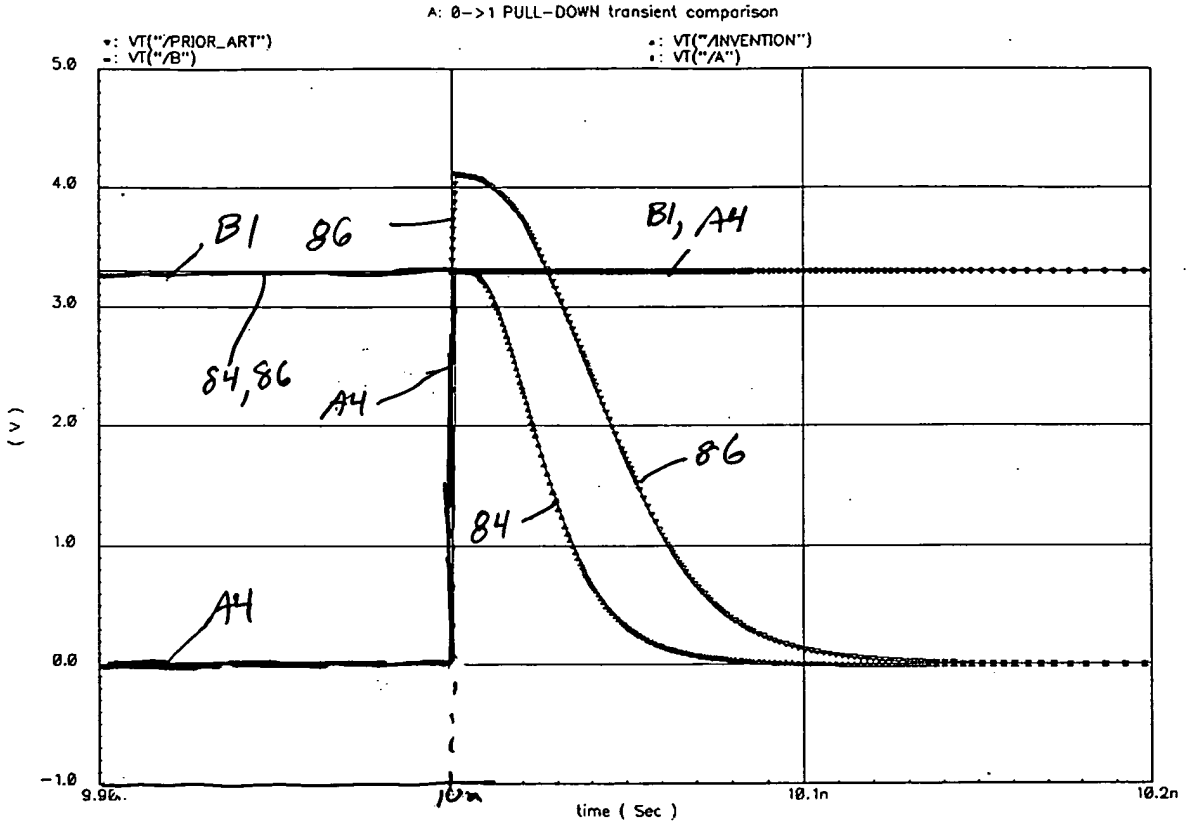
A: 0->1 PULL-DOWN transient comparison
*: VT("/PRIOR_ART")
-: VT("/B")
•: VT("/INVENTION")
•: VT("/A")
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
(V)
B1 86
B1, A4
84,86
A4
86
84
A4
9.9n
10n
10.1n
10.2n
time (Sec)

FIGURE 8

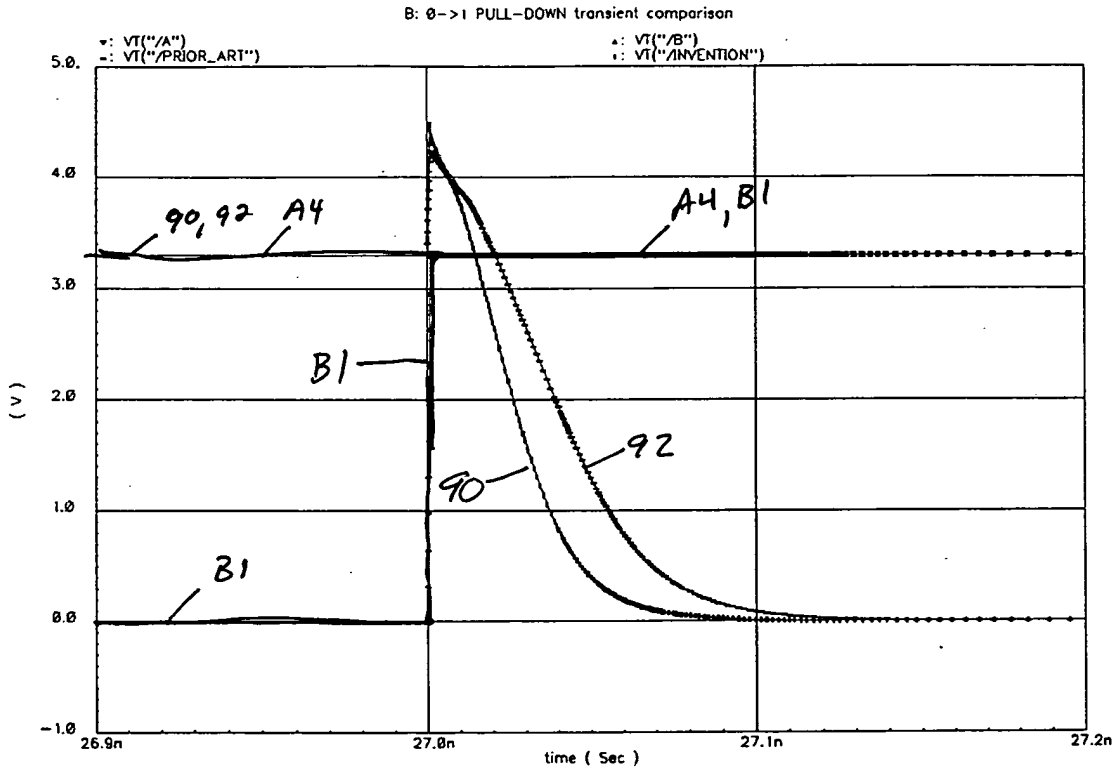
B: 0->1 PULL-DOWN transient comparison
▾: VT("/A")
-: VT("/PRIOR_ART")
▴: VT("/B")
·: VT("/INVENTION")
5.0.
4.0
3.0
2.0
1.0
0.0
-1.0
(V)
90, 92 A4
A4, B1
B1
92
90
B1
26.9n
27.0n
27.1n
27.2n
time (Sec)

FIGURE 9